



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5521

SERIAL NUMBER 10/083,305	FILING DATE 02/26/2002 RULE	CLASS 375	GROUP ART UNIT 2631	ATTORNEY DOCKET NO. 7000-139
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------

APPLICANTS

Dan V. Gorcea, Kanata, CANADA;
 Carl C. Anderson, Kanata, CANADA;
 Gyula G. Jakab, Nepean, CANADA;

**** CONTINUING DATA *******
 Yes N.E.
 This appln claims benefit of 60/271,604 02/26/2001

**** FOREIGN APPLICATIONS *******
 None N.E.

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 04/11/2002

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged Examiner's Signature <u>N.E.</u> Initials <u>N.E.</u>	STATE OR COUNTRY CANADA	SHEETS DRAWING 2	TOTAL CLAIMS 27	INDEPENDENT CLAIMS 4
--	-------------------------------	------------------------	-----------------------	----------------------------

ADDRESS
 27820
 WITHROW & TERRANOVA, P.L.L.C.
 P.O. BOX 1287
 CARY, NC
 27512

TITLE
 Method and design for increasing signal to noise ratio in xDSL modems

FILING FEE RECEIVED 1080	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------------------------------	---	---